

LION NICKEL MINES LIMITED
MCKENZIE-ROSE LAKE GOLD MINES LTD.

DIAMOND DRILL CORE LOG

PEERLESS PROPERTY

COLLAR CO-ORDINATES

Location 109 DR E

Section A 530

LAT 10905.02 DEP 9061.59 HOLE NO. 109 DR E No 7 TOTAL DEPTH 167
ELEVATION 521.80 SHEET NO. 1 FT. RECOVERED
AZIMUTH S 21° 54' E DIP - 43° 04' DATE BEGUN May 16/68 % RECOVERY
HOR. VERT DATE FINISHED May 16/68 SIZE BIT AQ

DEPTH FEET	FORMATION	SAMPLE NO.	OZ AU PER TON	OZ Ag PER TON	AVGS	SLUDGES			
						SAMP. NO.	FROM	OZ. AU	VALUE
0	Light gray, bleached, altered								OZ. Ag.
83.0	granite. Occasional small					3443	10/20	TR	.06
	chlorite filled fracture at								
	35°-40°					3444	20/30	TR	.52
	Relatively fresh, unaltered								
	sections with traces pink					3445	30/40	TR	.26
	feldspar at following depths.								
	12'-19', 45'-47', 61'-62'					3446	40/50	TR	.06
	Gradational contacts.								
	25.0-27.2 few clots arsenic & py	3529	TR	1.00		3447	50/60	TR	TR
	in fractures at 50°								
83.4	Gray, altered granite. Slight								
106.0	bleaching, and little fracturing.					3448	60/70	TR	TR
	Not as much alteration as								
	previous section. Crystals					3449	70/80	TR	TR
	blurred, but not obliterated								
	as previous.					2450	80/90	TR	TR
106.0	Grayish altered, bleached								
121.0	granite. Many sections with					3451	90/100	TR	TR
	x-tals obliterated & slightly								
	silicified. Little fine					3453	110/120	TR	TR
	dissiminated py, and								
	occasional tiny sulphide filled					3454	120/130	TR	.02
	fracture at 30°. 0.1078 3/4" hyps., green								
	106.0-109.0 1/4" py in sil granite	3530	.005	.30		3455	130/140	TR	.02
	113.4-116.0 few 1/8" py filled	3531	TR	.08					
	fractures in sil granite								
	116.0-119.0 light disseminated py	3532	TR	.04		3456	140/150	TR	TR
	in sil granite								
	116.0-119.0 light disseminated py								
	in sil granite								
	119.0-121.0 few tiny black & fracture	3533	TR	TR		3457	150/160	TR	.06
	quartz. Little altered								
121.0	Gray altered granite x-tals								
142.0	blurred. Few fractures					3458	160/167	TR	.04
	138.4-139.0 Several 1/8" black py	3534	.005	.04					
	at 50°								
142.0	Gray altered granite. Less								
167.0	alteration than previous. Some								
	fresh granite in small patches.								
	156.1-157.4 Slight sil & few fractures	3535	TR	.18					
	at 40°								
167	End of Hole								

LOG BY

R. W.